



Press on with beautification planning after disease kills another 32 elms

A plan for the overall landscaping of the St. George Campus is being worked out by a committee which hopes to acquire sufficient hard facts, including costs, to justify a start on a beautification program some time next year.

One of the factors that led to the establishment of the committee was the loss last summer of 32 elms which were victims of Dutch elm disease.

The committee consists of Professor Erik Jorgensen, director of the Shade Tree Laboratory; Evan Prichard, St. George Campus superintendent; Leslie H. Hubbard, St. George Campus assistant superintendent (general service), and C. M. Crisp, landscape supervisor.

Members of the committee have already visited other universities, including the University of Guelph, University of Michigan, University of Rochester, and State University of New York at Buffalo. They wanted to see what had been done there, how it was done, and what it had cost. They have to take into account such problems as drainage, suitability of trees and shrubs for the U of T environment and climate, and, of course, the cost.

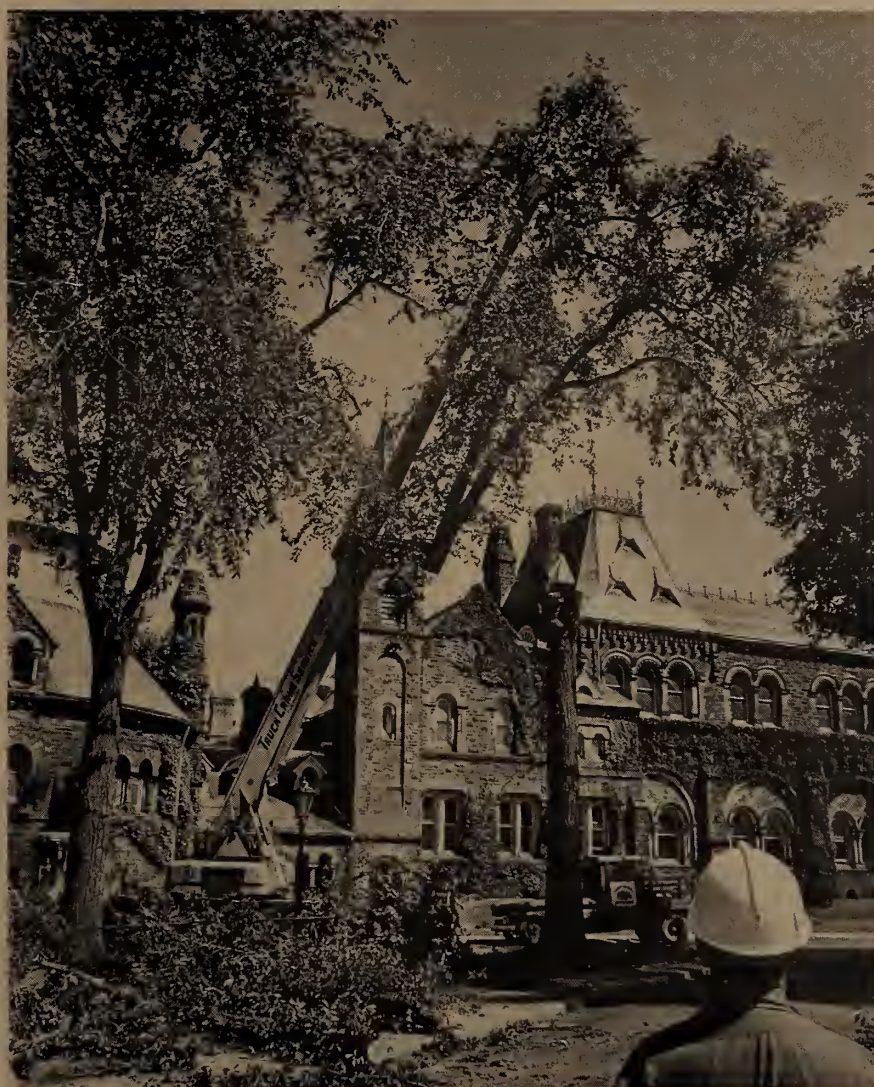
One result of the committee's work may be the restoration of suitable trees in the ugly gaps left by the destruction of the 32 elms. Most noticeable of these is King's College Road, from which Cedarvale Tree Service crews removed nine of the original 28 elms that once shaded the boulevards.

From College Street to Bloor elms have been lost to the plague that so far has defied the efforts of the Shade Tree Research Laboratory to find a practical cure.

An elm at the main entrance of Simcoe Hall, three that shaded Knox College and the Bookroom, two on the island at the west end of University College—all have gone. Two small trees at the southeast corner of the front campus are no more, although three much larger ones remain, seemingly in good health.

On the Hoskin Avenue side of Whitney Hall two trees have been taken down. On the east side of the Edward Johnson Building one was removed and much of the leafy cover of Philosopher's Walk has been depleted by the loss of 10 more.

There are still scores of healthy elms on the campus, although they may be on borrowed time. One of them is a 200-year-old American elm, 200 feet high, in the quadrangle of Whitney Hall. But until a sure cure has been found no one knows how long they may offer shade and pleasure at U of T.



One of last summer's casualties on the St. George Campus

Board gives assurance of co-operation

The Board of Governors has given assurance that it will co-operate with the committee on the structure of the university as proposed by the Association of the Teaching Staff and the Students' Administrative Council.

This assurance is contained in a letter from O. D. Vaughan, acting chairman of the Board, to John H. Sword, chairman of the President's Council.

The Board undertakes to have two of its members present at all meetings of the committee. They will participate fully in the discussions, although they will not be voting members. The Board has also undertaken to transmit the report of the committee, unchanged, to the provincial government, although it reserves its right at that time to make recommendations of its own.

(The President's Council received this information at its November 11th meeting, and instructed its Secretary to convey formally to the Board its deep appreciation of the Governors' concern for the welfare of the University which issued in this statesmanlike action.)

The text of Mr. Vaughan's letter:

"I am writing to you about the present position with respect to the committee to examine the structure of the University. The original concept of the committee was developed by the President's Council and adopted in full by the Board of Governors at its meeting on August 9, 1968. That committee was to consist of two governors, two staff, two students, two administrators, and the President as chairman. In the opinion of the Board of Governors this committee was democratic in its representation of the various estates of the University with no one estate given a dominant position. The Board of Governors immediately appointed two members to serve on this committee, and the students and staff were requested to select their nominees.

"Subsequently the Students' Administrative Council declined to participate and proposed an alternative committee to be made up of four students, four staff, two governors, and the President, the last three without a vote. The Association of the Teaching Staff then considered the students' proposal and adopted it, except that they were prepared to give a vote to the President, and to add an alumnus representative without a vote. The staff also proposed that there should be a chairman who should come from outside the University community. The President's Council has now proposed the appointment of such a committee. As a result of the action of the Students' Administrative Council and the Association of the Teaching Staff, it was clear that the original proposal of the President's Council had been frustrated. The Board of Governors accordingly rescinded any action that it had taken in connection with this committee.

"As evidence of its desire that the study of the University structure should proceed, the Board is, however, prepared to lend its assistance to the alternative committee by arranging for the attendance at meetings of not more than two members of the Board of Governors, and by providing accommodation and secretarial assistance for this committee if and when such a committee is constituted by the President's Council."

NOVEMBER 21 DEADLINE

All material for the November 28 issue should be in the hands of the editor, Mrs. Winogene Ferguson, by noon on the 21st of November. Her address is Room 225, Simcoe Hall (928-2102).

COMING EVENTS

NOVEMBER

14 THURSDAY

Lectures

School of Graduate Studies and Department of Civil Engineering. "Soil Mechanics Applications of Interactive Computer Systems". Prof. Robert L. Schiffman, University of Chicago. Room 101, Sanford Fleming Laboratories. 4 p.m.

School of Graduate Studies and the Graduate Department of Classical Studies. "Aristophanes, Thucydides and the Empire". Dean W. G. Forrest, Wadham College, Oxford. Room 240, Trinity College. 4.30 p.m.

Royal Ontario Museum. "The Cultural Fabric of Israel". James Plaut, Secretary-General of the World Crafts Council, New York. Museum Theatre. 8.30 p.m. Admission \$1; Museum Members Free.

Ph.D. Orals

"The Personnel of Politics: A Study of the Ontario Members of the Second Federal Parliament". D. W. Swainson, Department of History. Room 201, 65 St. George Street. 4 p.m. All members of the Graduate Faculty have the right to attend Ph.D. Oral Examinations.

Collectors' Night

Prized Possessions Collectors' Night at ROM. Art objects more than 100 years old brought to the ROM will be authenticated by prominent dealers and authorities for \$1 per item. The exhibition "Prized Possessions from Private Homes" will be open until 10.30 p.m. Refreshments. Admission free.

15 FRIDAY

Lectures

School of Graduate Studies and Department of Chemistry. "Kinetics of Hydrolytic Reactions Catalyzed by an Alkaline Phosphatase". Prof. L. Ouellet, Laval University, Quebec. Room 158, Lash Miller Chemical Laboratories. 4 p.m.

Ontario Institute for Studies in Education. "Parents v. Children: Can Both Win?" Part II: "Practical Consequences". Prof. R. M. Hare. Concert Hall, Edward Johnson Building. 8 p.m.

Seminar

School of Graduate Studies and Department of Political Economy. "Say's Law and the Business Cycle". Prof. Hugh Rose, University of Rochester. Room 3050, Sidney Smith Hall. 2 p.m.

Convocation

Centre for Reformation and Renaissance Studies. "John Rastell". Prof. James Devereux, Department of English, University of Western Ontario. Room 37, Victoria College. 4.10 p.m.

St. Michael's College. Granting of degrees in Theology. Carr Hall Auditorium. 8.30 p.m. Reception follows in Elmsley Lounge.

(see page 2, col. 1)

Appointed & Promoted

Arts and Science

ROY B. OGLESBY, who has given outstanding service as an assistant secretary of the faculty, was appointed associate secretary of the faculty as of Oct. 1.

COLIN R. C. DOBELL has been appointed assistant secretary of the faculty in place of JOHN M. MILLS, who resigned after twelve years' effective service on the staff of this office. Mr. Dobell's early education was obtained in the U.S.A. and in Montreal. He graduated from McGill University with a B.A. in 1961 and has taken additional courses in the Faculty of Law of McGill University and at Sir George Williams University. He has held positions in the McGill University Placement Service and, most recently, in the McGill University Admissions

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COMING EVENTS

NOVEMBER (Continued from page 1)

Party Wine and Cheese Party at Graduate Students' Union. Faculty members and administrators are invited. Admission \$1. 4 to 7 p.m.

16 SATURDAY

Party Faculty Club Children's Santa Claus Parade Party. 10 a.m. Restricted to members and their children. Refreshments, favours. Please reserve by Nov. 4.

Lecture Royal Canadian Institute. "The Niagara Escarpment—A Monument to Time". Dr. W. M. Tovell. Convocation Hall. 8.15 p.m.

17 SUNDAY

Music St. Simon's Church Choir. Choirmaster: Edgar Hanson. Scarborough College. 3.45 p.m. Admission Free.

Hart House Sunday Evening Concert featuring pianist Arthur Ozolins. Great Hall. 8.30 p.m. Tickets: Hall Porter.

18 MONDAY

Seminar Banting and Best Department of Medical Research. "Biochemical Aspects of Erythrocytes Differentiation". Dr. Eugene Goldwasser, University of Chicago. Room 417, Charles H. Best Institute. 2 p.m.

Lectures Institute for the History and Philosophy of Science and Technology. "Davy, Faraday, and Naturphilosophie". Trevor Levere. Room 102, McLennan Physical Laboratories. 1.10 p.m.

School of Graduate Studies and Department of Italian and Hispanic Studies. "Latinoamericana Nueva Novella". Prof. Emir Rodriguez Monegal, Yale University. Inner Library, Massey College. 8 p.m.

19 TUESDAY

Lectures School of Graduate Studies and Department of Italian and Hispanic Studies. "La Poesie de Pablo Neruda". Prof. Emir Rodriguez Monegal, Yale University. Common Room, 21 Sussex Street. 11.10 a.m.

School of Graduate Studies and the Graduate Department of French. "Montesquieu and Liberty". Prof. C. P. Courtney, Visiting Professor from Cambridge at the University of Western Ontario. Room 122, University College. 4 p.m.

School of Graduate Studies and Faculty of Forestry. "Root Regenerating Potential". Ed C. Stone, Professor of Physiology and Forest Ecology, University of California, Berkeley. Room 101, Nursing Building. 4 p.m.

Royal Ontario Museum. "Yueh and Related Greenwares". Miss Mary Tregear, Senior Assistant Keeper of Chinese Porcelain at the Ashmolean Museum. Room 4, ROM. 4.30 p.m. Admission Free.

United Nations Lecture Series on "Sources of Strife and Violence in Today's World". "Intercultural Conflicts". Madame Solange Chaput Rolland, co-author of *Dear Enemies*. Scarborough College. 8 p.m.

Seminar Department of Geology and School of Graduate Studies. "The Red Sea Brine Deposits, A Modern Ore Depositing System". Dr. J. L. Bischoff, Woods Hole Oceanographic Institution. Room 128, Mining Building. 4 p.m. Coffee 3.30 p.m.

Colloquium Department of Mathematics. "An Enumerative Problem for Plane Trees". Prof. W. T. Tutte, University of Waterloo. Room 2102, Sidney Smith Hall. 4.10 p.m.

Poetry Reading School of Graduate Studies and Graduate English Association. Robert Bly, poet-lecturer, University of Minnesota. Room 110 (Croft Chapter House), U.C. 8 p.m.

Film French Department, U.C. *Glenn Gould*, The famous pianist records Bach's *Italian Concerto* at Columbia studios and *Alouette satellite*, The construction and launching of Canada's first research satellite. Repeated Wednesday. Room 104, U.C. 1.10 p.m.

20 WEDNESDAY

Lectures School of Graduate Studies and Faculty of Dentistry. "Oral Transport Mechanisms". Dr. J. Weathered, College of Dentistry, University of Maryland. Room 308, Faculty of Dentistry, 124 Edward Street. 3 p.m.

"Some Founders of Geology" series by Dr. W. E. Swinton. "Christian L. von Buch (1774-1853)". Room 2117, Sidney Smith Hall. 4 p.m.

Tour Ten-To-One Tours. Two tours: on Vertebrate Palaeontology and Pioneer Life. Both start at 12.50 p.m. in the ROM main rotunda.

Music Hart House Classical Concert Series featuring violinist Adele Armin. Music Room. 1 p.m. Ladies are welcome.

21 THURSDAY

Convocation First Fall Convocation and conferring of an honorary degree on His Excellency The Right Honourable Daniel Roland Michener, Governor General of Canada. Convocation Hall. 8.15 p.m.

Lectures St. Michael's College. "Laity, Episcopacy and Curia in the Italian Counter Reformation". Prof. Eric Cochrane, University of Chicago. Carr Hall A, St. Michael's College. 4 p.m.

School of Graduate Studies and Graduate Department of Classical Studies. "The Roman Emperor and His Subjects". Dr. Fergus Millar, The Queen's College, Oxford, Member of the Institute for Advanced Study. Room 240, Trinity College. 4.30 p.m.

Seminar School of Graduate Studies and Department of Chemical Engineering and Applied Chemistry. "Studies on Heat Transfer to Gases and Sprays in a High Temperature Environment". Prof. T. W. Hoffman, Department of Chemical Engineering, McMaster University, Hamilton. Room 2034, Wallberg Building. 3 p.m.

Colloquium School of Graduate Studies and Department of Astronomy. "Interstellar Grains". Dr. J. M. Greenberg, Leiden Observatory and Rensselaer Polytechnic Institute. Room 137, McLennan Physical Laboratories. 4 p.m.

Music Faculty of Music Thursday Afternoon Series. Ensembles. Concert Hall, Edward Johnson Building. 2 p.m.

22 FRIDAY

Lecture School of Graduate Studies and Department of Biochemistry. "Some Characteristics of the Erythrocyte Membrane". Prof. Donald J. Hanahan, Chairman, Department of Biochemistry, University of Arizona. Room 6, Botany Building. 4 p.m.

Seminars St. Michael's College. "From Corporate to Individual Christianity: the Post Tridentine Church in Florence". Prof. Eric Cochrane, University of Chicago. Upper Library, Massey College. 10 a.m.

Athletics

Buffet Supper

23 SATURDAY

Lecture Royal Canadian Institute. "Instant Snow Storms". Prof. F. H. Theakston, School of Agricultural Engineering, University of Guelph. Convocation Hall. 8.15 p.m.

Open House Exhibits, demonstrations, films, refreshments. 1 to 5 p.m. Erindale College, Mississauga Road North, north of No. 5 (Dundas) Highway.

Athletics Water Polo. McGill at Varsity. Hart House. 2.30 p.m.

24 SUNDAY

Open Houses Exhibits, demonstrations, films, refreshments. 1 to 5 p.m. Erindale College, Mississauga Road North, north of No. 5 (Dundas) Highway.

Hart House Visitors' Sunday. 2-5 p.m. Tea: Great Hall, 3-4.30 p.m.

Scarborough Sinfonietta, Soloist to be announced. Conductor: Wilson Swift. Scarborough College. 3.45 p.m. Admission free.

Choral Vespers Service. Music by Purcell, Morley and Tomkins. Massey College. 5 p.m.

Dancing Hart House Flamenco Dancing. Great Hall. 8.30 p.m. No tickets required.

25 MONDAY

Film Department of French, U.C. Molière's *Tartuffe* (in the original French), staged by the Tréteau de Paris as part of its North American Tour. Hart House Theatre. 8.30 p.m. Tickets available from Nov. 18 at box-office.

26 TUESDAY

Lecture Royal Ontario Museum. "The Panathenaic Festival at Athens". Miss Mary White. Museum Theatre. 4.30 p.m. Admission free.

Film French Department, U.C. *Germaine Guevremont, romancière*, biography of the novelist from Sorel, P.Q. and *Curling, Quand tu nous tiens*, a popular sport reviewed. Repeated Wednesday. Room 104, U.C. 1.10 p.m.

27 WEDNESDAY

Lectures Toronto Biochemical and Biophysical Society. "Problems in the Separation of DNA Strands". Dr. Erwin Chargaff, Department of Cell Biology, Columbia University. Main Lecture Theatre, Princess Margaret Hospital. 4.15 p.m.

"Some Founders of Geology" series by Dr. W. E. Swinton. "Sir Charles Lyell". Room 2117, Sidney Smith Hall. 4 p.m.

School of Graduate Studies and Department of Islamic Studies. "The Jews in 19th Century Egypt". Dr. Jacob Landau, Hebrew University of Jerusalem, currently visiting professor of Near Eastern Studies at Wayne State University, Detroit. Room 1069, Sidney Smith Hall. 4.10 p.m.

Colloquium Department of Astronomy. "The Equilibrium and Stability of Magnetic Stars". Prof. S. P. S. Anand. David Dunlap Observatory. 4 p.m.

Tours Ten-To-One Tours. Two tours: on Chinese Porcelain and English Furniture. Both start at 12.50 p.m. in the ROM main rotunda.

Meetings University Arts Women's Club. "From Commerce to Campus". Address by Allan Fleming, chief designer, U of T Press. Room 203, McLennan Physical Labs. 1.15 for 1.30 p.m.

Hart House Library Evening. Allan R. Fleming, chief designer, U of T Press, discusses the photo volume *The Year of The Land*. Library. 8 p.m.

Music Hart House Classical Concert Series featuring the Faculty of Music Student Piano Trio. Music Room. 1 p.m. Ladies are welcome.

Dinner Faculty Club. Lady Members' Dinner. Reception: 5.15 p.m. Dinner: 6.15 p.m. Members only.

28 THURSDAY

Convocation Second Fall Convocation. Convocation Hall. 2.30 p.m.

Lectures University College. "Poetic Voices in Baudelaire". Prof. P. L. Mathews. West Hall, University College. 4.10 p.m.

William G. Baker

Bill Baker, a relatively young man, who died Nov. 1, had large plans in the making—he always had large plans.

Bill Baker's first notable public performance was as the chairman of a Royal Commission on Agriculture for the Province of Saskatchewan. Arising out of this historic survey, Bill Baker created a Centre for Community Studies in 1957, for research, education and consultation, all action-oriented. Social scientists will find in this "experiment" invaluable case material for disciplined analysis and assessment.

Dr. Baker was born in Verigin, Sask. in 1919. He had a farm background. He received his B.S.A. with Distinction at the University of Saskatchewan. He did graduate studies at the Universities of Minnesota, Kentucky and Michigan. In 1964 North Dakota State University conferred upon him the Doctor of Laws *honoris causa*.

The positions Dr. Baker held and the responsibilities he carried indicate a remarkably rich range of creative involvement:

Director, School of Agriculture, University of Saskatchewan; professor of rural education, University of Saskatchewan; chairman, Royal Commission on Agriculture and Rural Life; director,

Centre for Community Studies; various missions in New South Wales, India, and Ghana; assignments for the governments of Saskatchewan and Canada, and the United Nations; president, Canadian Centre for Community Studies from 1966.

Dr. Baker had written a progress report on "The Relation of Welfare and Development in Canada's Post-Industrial Society", a study of urban-social development in Montreal, Toronto and Vancouver. Dr. Baker was directing this important project from University of Toronto where he had been appointed Cassidy Research Visiting Professor on July 1. He was attached to the School of Social Work.

Only one year ago, Dr. Baker was instrumental in having the Canadian Centre for Community Studies and the Department of National Health and Welfare convene a high level seminar in Ottawa on "The Relation of Welfare and Development."

Bill Baker was a quiet, modest, gentle, determined and dedicated man, who literally poured his life's energies and resources of mind and spirit into a daring attempt to mobilize the social sciences in the service of humanity.

Charles E. Hendry

Appointed & Promoted

(Continued from page 1)

Office. He will take up his duties here on Dec. 2.

PROF. T. FUKUDA, a distinguished playwright and literary critic from Tokyo, Japan, has been appointed to the position of visiting professor in the Department of East Asian Studies effective Sept. 19 to Nov. 19.

University College

RÉJEAN ROBIDOUX (French) has been promoted to the rank of professor.

Erindale College

Among associate professors appointed is CÉCILE CLOUTIER-WOJCIECHOWSKA (French) who joined University College's Department of French in 1964 after having taught at the University of Ottawa. She took her first degrees from Laval University and her doctorate from the University of Paris.

P. H. H. FANTHAM (Mathematics) received M.A. and D. Phil. degrees from Oxford. He lectured for ten years at St. Salvator's College, St. Andrews, Scotland, and was visiting associate professor at Indiana University from 1966 to 1968.

JOHN V. CANFIELD (Philosophy) received his B.A. from George Washington University and his M.A. and Ph.D. from Brown University. He also studied at the University of Göttingen on a Fulbright Fellowship. Prof. Canfield has taught at the University of Colorado and at Cornell.

JAMES F. BURKE (Spanish) received his B.A. from the University of Arkansas and the M.A. and Ph.D. from the University of North Carolina. He also studied at the University of Barcelona, 1963-64, on a Fulbright grant. He has taught at the University of Arkansas, University of North Carolina, and most recently at the U. of T. St. George campus and Scarborough College.

Several assistant professors have been appointed. P. V. RANGNEKAR (Botany) was formerly an instructor here and also lectured for the Division of Extension. He received his B.Sc. and M.Sc. from Bombay and the Ph.D. from the University of Hawaii.

ROGER L. BECK (Classics) received the B.A. from New College, Oxford, in 1961, and his M.A. from the University of Illinois. He has lectured at the University of Manitoba, and in 1964-65 at University College here.

LEONARD WAYERMAN (Economics) received the B.Com. in 1964 from this university and did postgraduate work at M.I.T. where he received his M.A. in 1965.

MICHAEL MATHER (Mathematics) was educated at Cambridge, where he received the Ph.D. degree in 1966.

BENNETT KOVRIG (Political Science) earned B.A. and M.A. degrees here and obtained the Ph.D. in 1967 from the London School of Economics. He has lectured in the overseas division of the University of Maryland, and recently at Queen's.

T. M. ALLOWAY (Psychology) obtained his B.A. from Knox College, Galesburg, Ill. and his M.A. and Ph.D. from Northwestern University, where he also lectured.

L. C. NKEMDIRIM, appointed visiting professor (Geography) was born in Eastern Nigeria. While attending the University of Ibadan in Nigeria, he passed the London University Honours degree examination, then obtained his Ph.D. from King's College, University of London.

Music

CHRISTOPH J. WOLFF, appointed assistant professor, graduated from the Hochschule fuer Musik (Berlin and Freiburg). He studied at the University of Berlin, holds the Dr. Phil. in musicology from Erlangen-Nuernberg University (1966). Dr. Wolff has taught at Erlangen University for the past five years. He is a Bach specialist and is a director of the New Bach Gesellschaft (Hanover-Leipzig).

Nursing

The School received grant support from the Provincial Government to develop a Continuing Nursing Education Program. The initial phase of this project is to assess the need for continuing education and the contribution the School should make in this field. MRS. M. BARTER has been appointed associate professor to undertake this work. Mrs. Barter was formerly the assistant executive director of the Home Care Programme for Metropolitan Toronto.

DR. MARGARET CAHOON, formerly with the School of Hygiene has joined the staff of the School of Nursing on a full-time basis.

Bio-Medical Electronics

JAN KRYSPIK, appointed assistant professor in the Institute and in the Department of Physiology, was born in Czechoslovakia,



G. F. D. DUFF is chairman of the Department of Mathematics. He succeeded D. B. DeLury, who remains on the teaching staff of the department.

and graduated in medicine from Charles University in Prague in 1950. He has his C. Sc. degree in physiology from Czechoslovak Academy of Sciences. He was research scientist in tissue transplantation, skin physiology (Clinic of Plastic Surgery in Prague, 1957-1964), research scientist in biomedical electronics and computer applications in Medicine (Institute of Medical Electronics, Prague, 1964-1967). In 1967 he was fellow in neuropharmacology, Instituto Superiore di Sanita, Rome, and was visiting scientist Medical Research Council of Canada, 1967-68.

PAUL Y. WANG, appointed assistant professor in the Institute and the Department of Chemical Engineering, was born in Shanghai and came to Canada in 1958. After obtaining his B.Sc. and Ph.D. degrees at McGill University, he spent three years at Ohio State University. Dr. Wang's main interest has been in polymer chemistry, the study of long chain molecules, that include a wide range of substances including rubber, resins, wood and human tissues. He will undertake investigation of new methods of joining human tissue.

Criminology

JOHN HOGARTH has been appointed senior associate in the Centre. He has been a research associate in the Centre since 1964, with a cross-appointment in the Faculty of Law. Prof. Hogarth was the first appointment to the research staff of the Centre after its founding in 1963. He is currently engaged in a three-part study of Sentencing in Magistrates' Courts in Ontario, the findings of which are expected to begin being published in late 1969.

RICHARD G. FOX, appointed senior research associate in the Centre of Criminology, holds LL.B., D.Crim., and LL.M. degrees from the University of Melbourne. He was admitted to practice as a barrister and solicitor of the Supreme Court of Victoria in 1963, has taught and done research in the Criminology Department, University of Melbourne, and has lectured in the Faculty of Law and the Department of Psychology, Melbourne. In addition, he has lectured to various non-university bodies in Australia. Since January 1968, he has been senior tutor, Faculty of Law, Melbourne University. Mr. Fox will assume responsibilities in the Centre on March 31, 1969.

Child Study

PETER GAMLIN, appointed an assistant professor, obtained his Honours B.A. in psychology at the University of Western Ontario, in 1964, and his M.A. in 1965, at the same University. He obtained his Ph.D. in psychology at Cornell University in the spring of 1968. His specialty is language acquisition and the problem of speech comprehension in children. He is the publisher of several articles related to these areas.

ANDREW J. BIEMILLER, appointed an assistant professor, obtained his B.A., at Harvard University in 1962. He attended graduate school of Cornell University where he obtained his M.Sc. in 1966, and his Ph.D. in psychology in the spring of 1968. His special interests lie in motivation, special curiosity and competence, reading relationship between the environment and individual.

OTTO WEININGER, also appointed an assistant professor, graduated in Arts from McGill University in 1950. He obtained his M.A. degree at the U. of T. in 1952,

and his Ph.D. in psychology here in 1954. He is primarily concerned with the effects of early experience on later behaviour and development and has published several articles within this area. He has several years of experience in the applied field of Clinical Psychology.

Ontario Institute for Studies in Education

D. MUSELLA, appointed assistant professor in the Department of Educational Administration, has a Doctor of Education degree in Educational Administration. He has held positions of associate professor and assistant professor of education in state universities in New York State, held the position of administrative assistant to the Superintendent of Schools for 10 years at Little Falls Central School and has taught Music Education for four years. Dr. Musella also has experience as co-director of a Curriculum Conference and Seminar.

Extension

On Oct. 1, A. R. WAUGH was appointed to the staff as senior counsellor. He comes to the university after three years with the Government of Ontario where he served first as executive assistant to the Minister of Labour for a year, and as executive assistant to the Provincial Secretary for two years. Mr. Waugh's duties will be in the degree section.

STAFF NOTES

Arts and Science

PROF. J. E. GUILLET was chairman of the Seventeenth International Symposium on Macromolecular Chemistry sponsored by the International Union of Pure and Applied Chemistry. The meeting was held in Toronto Sept. 3-6, and attracted 850 scientific delegates from 26 countries.

PROF. A. G. BROOK gave a lecture to the Chemistry Department of Cornell University on Oct. 7 on the subject "Reactions of Acylsilanes and Acylgermanes".

PROF. A. G. HARRISON gave a seminar on "Recent Studies of Gas Phase Ionic Reactions" at the Aerospace Research Laboratories, Wright-Patterson Air Force Base, Ohio on Aug. 22 and again at the Department of Chemistry, Pennsylvania State University on Sept. 26.

An organizational meeting of the Canadian Society for Asian Studies took place Oct. 26-27 in Windsor and was attended by PROFS. A. K. WARDER, N. WAGLE, J. BROWNLEE and B. A. STEPHEN.

PROF. R. M. SMITH read a paper to the Mid-West Branch of the American Oriental Society in Madison, Wis., entitled "Some Statistics of the Bhagavad Gita", and was elected vice-president of the branch.

On Oct. 18 PROF. G. NORRIS gave a paper on "Palynology of the Jurassic-Cretaceous Boundary, Southern England" at the annual meeting of the American Association of Stratigraphic Palynologists held at the Louisiana State University, Baton Rouge.

PROF. PAUL FOX gave an address entitled "Youth Power in Politics and Education" to the fall conference of the Junior-Senior High School Principals of the Board of Education for the Borough of North York on Oct. 17 at Aston Villa, Bracebridge.

On Nov. 4 PROF. F. E. WINTER attended "Arts Festival Week-Greece" at the University of Guelph and gave a lecture on "Greek and Roman Theatre Buildings".

PROF. G. K. HELLEINER was chairman of a panel on "The Progress and Prospects of the East African Economic Community" at the annual conference of the African Studies Association, Los Angeles, Oct. 16-19. He spoke on the Nigeria-Biafra tragedy to the Canadian Institute of International Affairs, Oct. 23, and participated in a seminar on the public finance implications of the Consortium Study of Nigerian Rural Development held at Michigan State University, East Lansing, Oct. 25.

PROF. W. G. WELLINGTON was awarded the Entomological Society of Canada Medal for Outstanding Achievement in Canadian Entomology-1968. The medal was awarded at the annual meeting of this society in Saskatoon in August.

PROF. C. S. CHURCHER has returned from eight months leave overseas where he worked for three months with Dr. L. S. B. LEAKEY at the Centre for Prehistory and Palaeontology, Nairobi, Kenya, on Miocene Ungulates and the Oldoway Pleistocene Fauna, for two and one-half months in South Africa where he collected stem-reptilian fossils from the Upper Beaufort Series with JAMES KITCHING of the Bernard Price Institute for Palaeontological Research of the University of the Witwatersrand, Johannesburg, and worked with Dr. C. K. BRAIN in the Transvaal Museum on Mammalian fossil horses associated with the Transvaal

Telephone 2222 In Emergency

For help in any emergency on St. George Campus, such as fire, accident or crime, just dial 2222 on any 928 Centrex telephone. That's the number of U of T's Emergency Control Centre, open 24 hours a day.

Emergency Control staff are trained to provide immediate assistance and can connect emergency calls with University police, Metropolitan Toronto police, Toronto fire department, Poison Control, hospitals, or any University department that could help in an emergency.

Callers are asked to state the precise nature of the emergency and its exact location and, if circumstances permit, to stay on the line in the event that additional information is needed. Reports of fires are connected immediately and directly with the fire department.

Frank J. Hastie, Director of Physical Plant, urges a call to 2222 if it is felt that a need for help might occur, because expert assistance could avert an emergency.

Ape-man bearing caves, and visited museums in Capetown, Bloemfontein and Johannesburg. He also travelled to Australia for two and one-half months where he visited museums and universities in Perth, Melbourne, Launceston, Hobart, Sydney, Adelaide, Canberra and Brisbane. During the tour he gave radio and public talks and seminars on the "Pleistocene Mammals from Western Canada" and on the "Origins of the Giraffidae".

PROF. V. E. ENGELBERT attended the XII Congress of the International Society of Hematology in New York, Sept. 1-6, and presented a paper at the symposium on differentiation on "Aspects of Certain Stages in Hematopoietic Cell Differentiation". Prof. Engelbert was also invited to give a seminar at the Department of Biology, University of Windsor, on Oct. 9 entitled "Differentiation in Developing Blood Cells".

PROF. H. H. HARVEY attended the International Limnological Congress in Israel, Aug. 11-20, and presented a paper on "The Lakes of Manitoulin Island".

University College

PROF. CLIFFORD LEECH gave a lecture to the Royal Shakespeare Theatre Summer School, Stratford-upon-Avon, Eng., on Aug. 28 on "Mighty Opposites: An Aspect of Shakespearean Tragedy".

PROFS. D. M. HAYNE, R. ROBIDOUX, C. CLOUTIER-WOJCIECHOWSKA and B.-Z. SHEK attended the colloquium on "Recherche et littérature canadienne-française" at the University of Ottawa, Oct. 25-26. Prof. Cloutier-Wojciechowska also attended the colloquium on Saint-Denis Gameau at the University of Montreal, Oct. 18-19.

PROF. D. B. REDFORD delivered lectures at the Royal Ontario Museum and Scarborough College on "The Nile Delta: an Archaeological Unknown", in the museum lecture series "Digging into the Past".

PROF. FRANK TALMAGE attended the annual meeting of the American Academy of Religion in Dallas, Oct. 17-20, where he delivered a paper on "Strategy in Medieval Jewish-Christian Polemics".

St. Michael's College

PROF. P. B. BILANIUK contributed twelve articles to *The Corpus Dictionary of Religion* to be published by Corpus Instrumentorum, Inc., Washington, D.C.

PROF. R. J. SCHOECK has been re-appointed to the Woodrow Wilson Regional Selection Committee for 1968-1969.

Pontifical Institute of Mediaeval Studies

PROF. MICHAEL SHEEHAN chaired the session "Technology and Faith" at the annual meeting of the Society for the Scientific Study of Religion, in Montreal, Oct. 24-26.

New College

PRINCIPAL D. G. IVEY addressed the annual banquet of the National Science Teachers Association in New York on Oct. 4 on "The Sophisticated Scientist", and spoke at Althouse College of Education, University of Western Ontario, Oct. 8, on "Education—Art or Science?".

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STAFF NOTES

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Knox College

REVEREND DONALD R. MCKILICAN, dean of students for the past ten years, will leave at the end of November to take up the new post of registrar at Georgian College of Applied Arts and Technology, Barrie.

Medicine

DR. R. H. PAINTER attended the 11th International Congress of Microbiological Standardization in Milan, Italy, on Sept. 16-20 where he presented a paper on "The Preparation of Stable Immunoglobulin Preparations for Clinical Use".

Applied Science and Engineering

PROF. A. H. ABDELMESSIH attended the International Symposium on Research in Cocurrent Gas-Liquid Flow, held at the University of Waterloo Sept. 18-19. He presented a paper on "Spherical Bubble Growth in a Highly Superheated Liquid Pool".

PROF. K. T. AUST presented an invited paper on "Growth Selectivity in Single Crystals" at the International Symposium on "Textures in Research and Practice" in Clausthal, Germany, Oct. 2-5. On Oct. 7, he visited the Ecole des Mines, Paris, France, where he had previously done research and teaching on a Guggenheim Fellowship. Prof. Aust also attended the fall meeting of the Metallurgical Society of AIME, Detroit, Oct. 14-15, and presented two invited papers entitled "The Structure of Grain Boundaries" (co-author with PROF. BRUCE CHALMERS of Harvard) at a session on Deformation and Strength of Polycrystals, and a paper on "Intergranular Corrosion of Austenitic Stainless Steels" at a meeting on New Developments in Stainless Steel.

C. P. BROCKETT recently contributed to an extremely rare book on the history of German migrants to Western Canada and their ancestors in South Russia by translating into English *Die Deutschen Kolonien in Südrussland* which Dr. A. BECKER of Saskatoon chanced to find after years of searching for source material. Written originally by P. CONRAD KELLER and published in Odessa, Russia, in 1905, it is an historical account of German settlers in the region of the Black Sea, from 1804 to 1904. This 250-page book, printed by the Western Producer in Saskatoon, now adds to Canadiana in English a significant treasure, thanks to Dr. Becker, who has now sent a copy to the University of Toronto Library. It is expected that another copy will be donated to the National Library, Ottawa.

PROF. D. G. ANDREWS attended the Second International Symposium on Packaging and Transportation of Radioactive Materials, Gatlinburg, Tenn., Oct. 14-18, and participated in discussions on shielded container research.

PROF. W. JANISCHESKY attended the IEEE Conference on EHV Transmission in Montreal, Sept. 30-Oct. 3. He participated in discussions at the plenary conference sessions and took part in meetings of the Radio Interference Subcommittee as a member of the Working Group on Radio Noise Design Guide.

PROF. G. R. LANG attended the IEEE 1968 Canadian Symposium on Communications in Montreal, Nov. 7-8.

PROF. H. W. SMITH attended a two-week seminar on "Computer Control of Industrial Processes" at Cambridge University, Sept. 15-17. He also visited the Centre for Computing and Automation, Imperial College, London, Sept. 30-Oct. 4, where he delivered an invited lecture on "New Techniques in Control of Metal Rolling", and attended the IFAC Symposium on Multivariable Control Systems, Dusseldorf, Germany, Oct. 7-8, where he presented a paper, "Dynamic Control of a Two-Stand Cold Mill".

PROF. G. R. SLEMON attended the COSINE meeting at Stanford University, Oct. 24-25. He also attended the meeting of Electrical Engineering Chairmen at the University of Ottawa, Oct. 17, and the meeting of the American Society for Engineering Education at Sir George Williams University, Oct. 18-19.

Graduate Studies

ASSOCIATE DEAN V. E. GRAHAM has participated in his third "Operation Retrieval" tour as a representative of the University of Toronto. Under this scheme, which is sponsored by the Department of Manpower and Immigration in collaboration with the Association of Universities and Colleges of Canada, seven teams of three members each visit groups of American graduate schools in which there are fifty or more Canadian graduate students. The teams each have one member from the Depart-

ment of Manpower and Immigration and two academics, one from the Humanities or Social Sciences and one from the Sciences. During October, Dean Graham visited the Universities of Wisconsin, Minneapolis and Chicago, along with X. CHABALLE from Ottawa and DEAN H. S. ARMSTRONG from the University of Guelph.

Music

PROF. TALIVALDIS KENINS' *Sonata* for cello and piano was performed on Oct. 10 over the C.B.C. French Network by Traugott Schmohe, solo cellist of the Quebec Symphony Orchestra.

PROF. EZRA SCHABAS gave a paper on "Media and Music" at the International Society for Music Education Biennial Conference, Dijon, France, July 3. He served as music consultant at a meeting of the International Baccalaureat Organization at Oxford University, July 9-10.

PROF. ROBERT ROSEVEAR was guest clinician at the Ontario Music Educators' Association Workshop in London on Oct. 26. He presented a lecture demonstration on the double French horn and a session on "Factors in the Interpretation of Band Music" in conjunction with the Pauline Johnson Collegiate and Vocational School Band of Brantford.

Dentistry

DEAN ROY C. ELLIS received an honorary degree of Doctor of Laws from the University of Western Ontario on Oct. 25 and delivered the Convocation address.

Architecture

PROF. J. HITCHCOCK attended the AIP Conference in Pittsburgh, Oct. 15-16. He is a member of the editorial advisory panel of the journal.

PROF. GERALD HODGE presented a brief on "Refashioning our Cities Demands Refashioned Concept of Cities" to the Federal Task Force on Housing and Urban Development in Toronto in October. Prof. Hodge recently participated in the symposium on Urban Information sponsored by Canadian Council on Urban and Regional Research in Ottawa.

Ontario Institute for Studies in Education

PROF. R. S. PETERS, University of London Institute of Education, gave a lecture "The Education of the Emotions" on Oct. 10. The talk was sponsored by the Department of History and Philosophy of Education in arrangement with the McArthur College of Education, Queen's University.

DR. VINCENT M. D'OYLEY attended the examinations committee and the board of governors meeting of the Service for Admission to College and University in Ottawa, Sept. 25-26. The Scholastic Aptitude and English Tests are now Canada-wide.

DR. DORMER ELLIS attended the "Colloque: L'an 2 des College d'Enseignement General et Professionnel" held at Laval University, and visited post-secondary colleges in Montreal and Quebec, Oct. 2-5. Dr. Ellis addressed the school principals, subject consultants and senior academic officials of the Hamilton Board of Education on Oct. 16. The topic was "An Evaluation of the Hamilton Unit System of Promotion".

DR. KENNETH F. PRUETER addressed the Internship Program, Lakeshore Teachers' College, Toronto, on July 4, on the topic "New Developments in Elementary Education". On Sept. 16-17, he participated in the Washington planning conference for the Fourth International Curriculum Conference to be held in the U.S. in 1969.

MISS MARION ROYCE attended a seminar on Continuing Education in Metro Toronto, held at York University under the auspices of The Ontario Association for Continuing Education, on Oct. 5.

DR. H. H. STERN addressed the Ontario Modern Language Teachers' Association at its annual fall conference held at McMaster University, on the subject "The Work of the Modern Language Centre" on Oct. 5.

DR. W. R. WEES addressed the meeting of the Federation of Women Teachers' Associations of Ontario, York 1, Region 3, Sharon, Ont. on Oct. 2. The topic was "In Those Children's Minds". On Oct. 9, Dr. Wees spoke on the topics, "Teaching Reading—For Whatever Age" and "The Meaning of Educational Change" at the Leadership of North York Professional Development Day. He also addressed the Sudbury Public School Teachers' Educational Association on "Tomorrow is for Our Children", on Oct. 11. Dr. Wees addressed the Northern Ontario Public School Principals' Association Conference on "The Meaning of Educational Change" in Sudbury on Oct. 18. On Oct. 26, he addressed the Canadian

Book Publishers' Council Seminar '68 on the subject "The Organization of OISE" at Muskoka Sands Inn. Dr. Wees also gave two speeches entitled "Exceptional is How You Look At It", and "Tomorrow is for Our Children" at the District 15 Teachers' Conference, Moncton, on Oct. 28.

DR. PETER A. TAYLOR of the University of Manitoba presented a seminar on "The Methodology of Curriculum Evaluation" which was sponsored by the Departments of Computer Applications and Measurement and Evaluation in cooperation with the office of Development on Oct. 17.

DR. S. A. ALVI, D. F. BURRILL, DR. V. R. D'OYLEY, ALEX EVEN, DR. DOROTHY HORN, DR. JOAN PRESTON, DR. ROBERT SCHWEIKER, and DR. R. E. TRAUB attended the Educational Testing Service Invitational Conference on Testing Problems in New York, Nov. 1-2.

DR. BRIAN S. CRITTENDEN attended the York Central Workshop 1968, on the Hall-Dennis Report at Geneva Park, Lake Couchiching, Oct. 17-19.

DR. M. J. FLAHERTY conducted a workshop on measurement and evaluation for the Registered Nurses Association of Ontario, in Kingston, on Oct. 10. DR. SCHWEIKER was the opening speaker. Dr. Flaherty presented two papers: "Principles of Evaluation in Nursing Education", and "Construction and Use of Tests in Nursing Education".

DR. R. W. B. JACKSON chaired the two-day meetings of the Ministers' Information Systems Committee (MISC), held in Toronto, Oct. 21-22.

DR. H. H. STERN gave a talk on the research and development work of the Modern Language Centre to Program Consultants (Modern Languages) of the Ontario Department of Education in Toronto, on Oct. 17.

Nursing

PROF. MARION WOODSIDE has been appointed president of the Ontario Regional Council of the Canadian Conference of University Schools of Nursing. PROFS. HELEN CARPENTER and WOODSIDE attended a meeting of this council on Nov. 4-6 in Ottawa.

PROFS. MURIEL SMALL and JENNY M. WEIR have been appointed to the Board of the Ontario Public Health Association, Prof. Small as chairman of the Nursing Section and Prof. Weir as a member at large.

Hygiene

DR. W. HARDING LE RICHE attended the International Seminar on Change in Agriculture held at the University of Reading, Eng., Sept. 3-4. The seminar was based on a detailed study of case histories of actual situations in many parts of the world where an agricultural development plan either failed or succeeded. Then an attempt was made to find out why this happened.

The staff of the Department of Microbiology was host to representatives of sister departments in Ontario universities at a meeting held in the School of Hygiene, Oct. 26. This was the first formal meeting held to discuss the various proposals put forward at the May, 1968 Graduate Disciplines meeting held under the sponsorship of the Committee of Presidents of Universities of Ontario. Sixteen representatives attended from the following Ontario universities: Ottawa, Queen's, Toronto, Guelph (O.A.C. and O.V.C.) and University of Western Ontario.

Business

PROF. J. H. G. CRISPO addressed a York University Management Seminar on Sept. 11 on the subject of "Individual and Group Monetary Incentives: Some Pros and Cons". Prof. Crispo acted as general chairman of a conference on the Rand Report on Labour Disputes in Ontario which the Centre for Industrial Relations convened on Oct. 8.

PROF. M. R. HECHT spoke on "The Management Process" to a session of the "Managing Engineers" seminar held at the University of Toronto, Oct. 23-25.

Aerospace Studies

DRS. G. N. PATTERSON and P. C. HUGHES attended a meeting of the International Astronautical Federation in New York, Oct. 14-16. Dr. Patterson held consultations with academician Sedov of USSR and Prof. Brun of France on future Canadian participation. He also discussed communication satellites and future plans at UTIAS with DR. J. CHARYK, president of Comsat. Co-operative arrangements for the exchange of research personnel and technical information were initiated.

DRS. G. K. KORBACHER and R. C. TENNYSON visited Fleet Manufacturing in Fort Erie, on Oct. 18, to discuss common research areas which are of interest to industry.

DR. H. S. RIBNER attended a Conference on Progress of NASA Research on Noise Alleviation of Large Subsonic Jet Aircraft, Oct. 8-10, Langley Research Centre, Va.

DR. D. BERSHADER, Department of Aeronautics and Astronautics, Stanford University, visited the institute on Oct. 21 and

gave a seminar entitled "Some Recent Results and New Trends in the Interferometric Study of Shock-Heated Gases".

DR. R. M. HOBSON, Queen's University, Belfast, visited the institute and gave a seminar on "Ionization Rate Processes Behind Normal Shock Waves in Monatomic Gases".

A party of Belgian scientists from industry and the university community visited the institute on Oct. 15 for a tour of the experimental facilities and discussions on topics of mutual interest, including upper atmospheric sounding rocket preparation, communication satellites, satellite aerodynamics and magnetogasdynamic power generation. In discussion with PROFS. DELEEUW, GLASS and TOWNSEND, the group was particularly interested in problem occurring in competition in research with the United States as the counterpart of the research and technology problems of Belgium among much larger European nations.

Great Lakes Institute

DR. A. D. MISENER attended the International Marine Information Symposium of the Marine Technological Society, Washington, Oct. 31-Nov. 2, and gave an address on "The Evolution of Information Exchange in the Great Lakes Area".

DR. G. K. RODGERS gave a talk entitled "How the Great Lakes Behave" for the Royal Ontario Museum's program, "Research Inside Out" on Oct. 8. Dr. Rodgers attended the Ontario Underwater Council Symposium on Pollution at McMaster University on Oct. 26 and took part in a panel discussion.

The Press

MISS FRANCES HALPENNY received an honorary degree of Doctor of Laws from the University of Guelph on Sept. 27 and delivered the Convocation address.

The following books have recently been published by the Press:

The Mackenzie King Record, Vol. II, 1944-45. By J. W. Pickersgill and D. F. Forster. \$12.50 (deluxe ed. \$50.00)

The Mandate of Heaven: Record of a Civil War, China, 1945-49. By John F. Melby. \$10.00

Life in Ontario: A Social History. By G. P. de T. Glazebrook. \$9.50

Wind Effects on Buildings and Structures: Proceedings of the International Research Seminar held at the National Research Council of Canada, Ottawa, Canada, September 1967. 2 vols. \$15.00

Primary Prevention of Psychiatric Disorders. By C. A. Roberts. Edited by F. C. R. Chalke and J. J. Day. (Hincks Memorial Lectures 1967) \$7.50

Pollution, Property & Prices. By J. H. Dales. \$6.00

Hart House

E. A. WILKINSON, Warden of Hart House, has been appointed a member of the Nominations Committee of the Association of College Unions-International. The announcement was made by the association's president, EDWIN O. SIGGELKOW, director of the Coffman Memorial Union, University of Minnesota. The ACU-I, a professional organization of 800 member college unions, is one of the oldest professional organizations in higher education in America.

Safety & Security section to control University keys

Effective Nov. 11, the issue and control of University keys became the responsibility of the Safety & Security section of the Physical Plant Department.

All future applications for keys should be made to the assistant safety & security officer, room 1016, 215 Huron Street. Telephone 928-2372.

Engineers meet Dec 6-7 to discuss rock problems

At a time when buildings are getting higher and higher and great emphasis is being placed on large underground constructions, the Fifth Canadian Symposium on Rock Mechanics, Dec. 6-7, is expected to attract countrywide interest.

The meeting, says the chairman, Prof. H. R. Rice, is a periodic affair, "called when enough new work of significance has been done to justify such a gathering". It is sponsored by the Department of Civil Engineering and the Canadian Advisory Committee on Rock Mechanics, in collaboration with the Mines Branch of the Department of Energy, Mines and Resources.

It will be preceded on Dec. 5 by five lectures on "important areas fundamental to studies and work in rock mechanics."